Ohio EPA
40 years and moving forward

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Crawford County
Wynford Local Schools
NPDES Permit

October 22, 2012

Mr. Steve Mohr, Superintendent
Wynford Local School District
3288 Holmes-Center Road
Bucyrus, Ohio 44820

Dear Mr. Mohr:

On September 18, 2012, an inspection was made of the wastewater treatment facilities serving the Wynford Local Schools located at 3288 Holmes-Center Road, Bucyrus. Mr. Eric Kurfis, with CWS Environmental, was present and answered questions regarding the treatment plant operations.

In general, both operation and maintenance appeared good. All major treatment components were in operation and a clear effluent was observed. The aeration tanks were receiving an adequate amount of air and the mixed liquor had a healthy brown color. The sludge return and skimmer were operating properly. The clarifier had sludge in the baffle and appeared cloudy. The upflow filters appeared to be operating properly. The sand filters were in fair condition. The sand in the south filter needed to be leveled out and some solids and plant growth were observed on the surface. The north filter was ponded. Chlorination and dechlorination tablets were observed in the feeders and the post aeration was on.

Our review of your discharge monitoring reports covering the months of June 2009 through August 2012 for the wastewater treatment plant (WWTP) found violations of your National Pollutant Discharge Elimination System (NPDES) permit. These violations have put your facility on the significant non-compliance list. We are pleased to note though that since your new operator has taken over as of June 1, 2012, there have been no violations at the facility. We received a letter from CWS Environmental on July 25, 2012, indicating operational changes that they were making to the plant and plan to make in the next year to help achieve compliance. On the date of inspection, Mr. Kurfis indicated that funds had recently been approved to reconfigure the timer and speeds of the motor and to clean out the baffle of the clarifier. He also indicated that replacing the sand in the sand filters was another improvement they hoped to complete in the near future. A check of the log book indicated that the operator certification rules are being met.

Please be advised that failure to comply with the effluent limitations and/or monitoring requirements, including adequate laboratory controls, appropriate quality assurance procedures, and records retention, as specified in Part III-General conditions of your NPDES permit, may be cause for enforcement action pursuant to Ohio Revised Code, Chapter 6111.

If you have any questions, please call me at 419-373-3019.

Sincerely,

Michelle Sharp

Michelle Sharp
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

pc: Crawford County Health Department
Mr. Eric Kurfis, CWS Environmental

ec: Tracking

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
6/1/2009	001	31616	Fecal Coliform	30D Conc	1000	1200.
6/1/2009	001	00400	pH	1D Conc	6.5	6.1
6/23/2009	001	00400	pH	1D Conc	6.5	6.2
7/14/2009	001	00400	pH	1D Conc	6.5	6.4
8/4/2009	001	00400	pH	1D Conc	6.5	6.3
8/25/2009	001	00400	pH	1D Conc	6.5	6.4
9/1/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	11.8
9/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	17.975
9/1/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.44663
9/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.09	.68035
9/1/2009	001	00400	pH	1D Conc	6.5	6.2
9/8/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	25.6
9/8/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.96896
9/15/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	19.91
9/15/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.75359
9/15/2009	001	00400	pH	1D Conc	6.5	5.9
9/22/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	14.59
9/22/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.55223
9/22/2009	001	00400	pH	1D Conc	6.5	5.6
10/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	16.2466
10/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.09	.61494
10/6/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	13.3
10/6/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.50341
10/6/2009	001	00400	pH	1D Conc	6.5	5.2
10/13/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	19.63
10/13/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.743
10/13/2009	001	00400	pH	1D Conc	6.5	5.5
10/20/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	15.81
10/20/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.59841
10/27/2009	001	00400	pH	1D Conc	6.5	6.2
11/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	33.275
11/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	1.25946
11/3/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	23.1
11/3/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.87434
11/3/2009	001	00400	pH	1D Conc	6.5	5.6
11/10/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	28.
11/10/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	1.0598
11/10/2009	001	00400	pH	1D Conc	6.5	6.3
11/17/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	58.3
11/17/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	2.20666
11/17/2009	001	00400	pH	1D Conc	6.5	5.7
11/24/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	23.7
11/24/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.89705
11/24/2009	001	00400	pH	1D Conc	6.5	5.5
12/1/2009	001	00530	Total Suspended Solids	1D Conc	18	24.

12/1/2009	001	00530	Total Suspended Solids	30D Conc	12	19.5
12/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	41.17
12/1/2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	1.55828
12/1/2009	001	00400	pH	1D Conc	6.5	5.1
12/8/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	19.01
12/8/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.71953
12/8/2009	001	00400	pH	1D Conc	6.5	5.7
12/15/2009	001	00530	Total Suspended Solids	1D Conc	18	30.
12/15/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	47.5
12/15/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	1.79788
12/23/2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	57.
12/23/2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	2.15745
1/1/2010	001	00530	Total Suspended Solids	30D Conc	12	13.75
1/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	39.7333
1/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	1.50391
1/5/2010	001	00530	Total Suspended Solids	1D Conc	18	32.
1/5/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	56.6
1/5/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	2.14231
1/12/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	35.6
1/12/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	1.34746
1/19/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	27.
1/19/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	1.02195
2/1/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	16.94
2/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	15.9425
2/1/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.64118
2/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	.60342
2/1/2010	001	00400	pH	1D Conc	6.5	6.1
2/8/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	20.3
2/8/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.76836
2/8/2010	001	00400	pH	1D Conc	6.5	6.4
2/16/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	17.82
2/16/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.67449
2/24/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	8.71
2/24/2010	001	00400	pH	1D Conc	6.5	6.1
3/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	8.06
3/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	.30507
3/1/2010	001	00400	pH	1D Conc	6.5	6.2
3/2/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	6.53
3/10/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.5
3/10/2010	001	00400	pH	1D Conc	6.5	6.3
3/17/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	6.46
3/17/2010	001	00400	pH	1D Conc	6.5	5.6
3/25/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	11.75
3/25/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.44474
3/25/2010	001	00400	pH	1D Conc	6.5	5.4
4/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	10.3825
4/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	.39298

4/7/2010	001	00400	pH	1D Conc	6.5	5.7
4/14/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	8.91
4/14/2010	001	00400	pH	1D Conc	6.5	5.5
4/20/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	21.
4/20/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.79485
4/20/2010	001	00400	pH	1D Conc	6.5	5.5
4/28/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	8.11
4/28/2010	001	00400	pH	1D Conc	6.5	5.4
5/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.59
5/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.09	.09803
5/6/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	3.7
5/6/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.14005
5/6/2010	001	00400	pH	1D Conc	6.5	5.8
5/14/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	4.84
5/14/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.18319
5/14/2010	001	00400	pH	1D Conc	6.5	5.3
5/21/2010	001	00400	pH	1D Conc	6.5	5.7
5/28/2010	001	00400	pH	1D Conc	6.5	6.2
6/1/2010	001	00530	Total Suspended Solids	30D Conc	12	18.25
6/4/2010	001	00530	Total Suspended Solids	1D Conc	18	47.
6/4/2010	001	00400	pH	1D Conc	6.5	6.1
9/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.615
9/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.09	.13683
9/15/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.85
9/15/2010	001	00400	pH	1D Conc	6.5	6.39
9/22/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	12.45
9/22/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.47123
10/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	12.1225
10/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.09	.45884
10/7/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	11.53
10/7/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.43641
10/7/2010	001	00400	pH	1D Conc	6.5	6.15
10/12/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	12.59
10/12/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.47653
10/12/2010	001	00400	pH	1D Conc	6.5	5.97
10/19/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	10.02
10/19/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.37926
10/19/2010	001	00400	pH	1D Conc	6.5	5.94
10/26/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	14.35
10/26/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.14	.54315
10/26/2010	001	00400	pH	1D Conc	6.5	5.31
11/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	16.8925
11/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	.63938
11/2/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	20.09
11/2/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.76041
11/2/2010	001	00400	pH	1D Conc	6.5	5.87
11/9/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	27.3

11/9/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	1.03331
11/9/2010	001	00400	pH	1D Conc	6.5	6.26
11/16/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	11.43
11/16/2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.43263
11/16/2010	001	00400	pH	1D Conc	6.5	5.73
11/24/2010	001	00530	Total Suspended Solids	1D Conc	18	29.
11/24/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	8.75
11/24/2010	001	00400	pH	1D Conc	6.5	5.3
12/1/2010	001	00530	Total Suspended Solids	30D Conc	12	42.75
12/1/2010	001	00530	Total Suspended Solids	30D Qty	1.1	1.61809
12/1/2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.305
12/3/2010	001	00530	Total Suspended Solids	1D Conc	18	45.
12/3/2010	001	00530	Total Suspended Solids	1D Qty	1.7	1.70325
12/3/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	4.82
12/3/2010	001	00400	pH	1D Conc	6.5	5.48
12/14/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	9.89
12/14/2010	001	00400	pH	1D Conc	6.5	5.92
12/21/2010	001	00530	Total Suspended Solids	1D Conc	18	86.
12/21/2010	001	00530	Total Suspended Solids	1D Qty	1.7	3.2551
12/21/2010	001	80082	CBOD 5 day	1D Conc	15	17.
12/21/2010	001	00400	pH	1D Conc	6.5	5.99
12/28/2010	001	00530	Total Suspended Solids	1D Conc	18	22.
12/28/2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.04
12/28/2010	001	00400	pH	1D Conc	6.5	5.99
1/1/2011	001	00530	Total Suspended Solids	30D Conc	12	15.25
1/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.6825
1/4/2011	001	00400	pH	1D Conc	6.5	6.39
1/14/2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.53
1/14/2011	001	00400	pH	1D Conc	6.5	6.12
1/19/2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.36
1/19/2011	001	00400	pH	1D Conc	6.5	5.28
1/25/2011	001	00530	Total Suspended Solids	1D Conc	18	23.
1/25/2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.6
1/25/2011	001	00400	pH	1D Conc	6.5	5.83
2/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	65.
2/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.28	1.46044
2/15/2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	71.3
2/15/2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	2.69871
2/26/2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	58.7
3/1/2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	17.7
3/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.1825
3/1/2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.43	.66995
3/16/2011	001	00400	pH	1D Conc	6.5	6.35
4/1/2011	001	00530	Total Suspended Solids	30D Conc	12	15.75
4/26/2011	001	00530	Total Suspended Solids	1D Conc	18	23.
6/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.315
6/8/2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.51

9/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.1
9/1/2011	001	31648	E. coli	30D Conc	161	300.
10/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	16.2
10/1/2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	31.2
10/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.09	.61317
10/1/2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.14	1.18092
11/1/2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.15
11/15/2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.6
2/1/2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.
2/15/2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	10.
2/21/2012	001	00400	pH	1D Conc	6.5	5.9
2/28/2012	001	00400	pH	1D Conc	6.5	5.7
3/1/2012	001	00530	Total Suspended Solids	30D Conc	12.0	14.
3/1/2012	001	00530	Total Suspended Solids	7D Conc	18.0	27.
3/1/2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	6.
3/6/2012	001	00400	pH	1D Conc	6.5	5.8
3/13/2012	001	00400	pH	1D Conc	6.5	5.7
4/17/2012	001	00400	pH	1D Conc	6.5	6.3
4/24/2012	001	00400	pH	1D Conc	6.5	6.1
5/1/2012	001	00530	Total Suspended Solids	30D Conc	12.0	17.25
5/1/2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.65
5/1/2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	4.5
5/1/2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.09	.1003
5/1/2012	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.14	.17033
5/1/2012	001	00400	pH	1D Conc	6.5	5.5
5/1/2012	001	31648	E. coli	30D Conc	161	750.
5/8/2012	001	00530	Total Suspended Solids	7D Conc	18.0	27.
5/8/2012	001	00400	pH	1D Conc	6.5	6.4
5/8/2012	001	31648	E. coli	7D Conc	362	750.
5/15/2012	001	00400	pH	1D Conc	6.5	6.3

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PT00028*CD

Facility Name Wynford Local School District Expiration Date May 31, 2016

Facility Location 3288 Holmes-Center Rd Date 9-18-12 Time 300 am / pm

City Bucyrus County Crawford Township

Name of Owner Wynford BOE Owner Phone 419 562 7828

Person Contacted Eric Kurfis Owner Email

Operator of Record Eric Kurfis Operator Email

Flow: Design 25,000 GPD WWTP Classification: ___ A or X I

Trib. Pop. (actual - estimated) Weather at time of inspection: Temp °-

OEPA Personnel Michelle Sharp District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description		Turbidity		Odor		Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of Effluent on Receiving Stream - Name: Not Observed

	None		Mild		Moderate		Serious

3. a. Plant has ___ excellent X good ___ fair ___ poor operation
b. Plant has ___ excellent X good ___ fair ___ poor maintenance
c. Sand filters have ___ excellent ___ good X fair ___ poor maintenance- N/A

Not operating at expected efficiency due to:

(1)___hydraulic overload
(2)___organic/solids overload
(3)___personnel inefficiency
(4)___equipment failure
(5)___wastes
(6)___

Disinfection: (Required May 1 thru Oct. 31)

IN	OUT	
X		Chlorination Tablets
X		Dechlorination Tablets
		Ultraviolet (U.V.)

Yes No

4. X ___ Compliance with NPDES Permit - Time Period: 6-1-12 to Present

	Y	N	Parameters:
Periodic Violations			
Chronic Violations			

5. X ___ O & M logbook kept and available on site: Location Electric Box

6. X ___ Staffing Requirement Met (Class A – 2 days per week for minimum 1 hour per week)
(Class I – 3 days per week for minimum 1.5 hours per week)

7. X ___ Adequate Plant Safety: Deficiencies

Facility Name:_____

Process	# Units	Unit	If Needed – Description and Comments
Preliminary		Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
	X	Comminutor	
	X	Flow Equalization	
Aeration Equipment	X	Plant Timer _____Y _____N Motor / Blower Unit	Cycle Time:
Secondary Treatment	X	Aeration Tank	Color: Good Adequate Aeration Y X N ____
Final Settling	X	Clarifier	Solids in baffle Cloudy
	X	Sludge Return	In X Out ____
	X	Surface Skimmer	In X Out ____
	X	Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	X	Contact Tank	
	X	Chlorine Tube Feeder	
	X	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	
		Spray Irrigation	
		Other	